

ABSTRACT

The present invention provides non-aqueous compositions which comprise a pharmacologically or biologically active compound, an emulsifier, a polyol, and benzyl alcohol. The compositions are useful for administering the pharmacologically or biologically active compounds which they contain to animals, plants, or ground surfaces. In preferred embodiments, the pharmacologically or biologically active compounds may be water-insoluble or water-labile. The compositions of the present invention allow these compounds to be solubilized and conveniently transported to a site of application in a non-aqueous form, and then diluted in an aqueous solution. In a particularly preferred embodiment, the compound is ivermectin and is administered in the drinking water of poultry. The compositions of the present invention may also contain multiple pharmacologically or biologically active compounds which are administered simultaneously. The present invention also provides methods of administering the compounds. In the most preferred embodiment, the compounds may be administered in the drinking water of animals to be treated with the pharmacologically or biologically active compound. In other embodiments, the compositions may be topically applied to the animals or plants to be treated, or sprayed onto plants, animals, or a ground surface to be treated with the active compounds.